



UNINTERRUPTIBLE POWER SUPPLY (UPS)

For Modular Hose Reel Units (MHRU1 & MHRU2)

DESCRIPTION

The Hydramist® UPS is a compact emergency battery back-up power supply; specifically designed to power Hydramist® Modular Hose Reel units MHRU1 and MHRU2 used in custodial applications.

Run time exceeds the mandated specification of the Ministry of Justice (UK) STD/M/SPEC/045 standard, of 20 minutes. Battery performance is within the standard life expectancy of lithium battery technology.

An integrated bypass switch allows the Hose Reel Units to remain fully powered and available for use while the UPS is temporarily taken off-line for maintenance.

Anti-tamper baffle vents are provided on the front of the unit making it obvious if the unit has been, or attempted to be, compromised.

Ease and flexibility of installation allows the UPS to be surface or recess mounted above; below; or either side of the Hose Reel (as illustrated) to match the existing Hose Reel Unit installation. Existing supply cabling can be reused.

Preventative Maintenance - a front mounted status indicator panel is provided to permit easy monitoring of battery health.

An optional remote panel can be supplied if required.

Service periods are aligned with the Hydramist® Hose Reel Unit service schedules.

Different colour options are available on request.



DATA SHEET

Form No.13-04 Issue No. 22.0

UPS General Features

- Built in bypass switch
- Standard prison lock option
- Tamperproof
- Audible and Visual alarm

Applications

- Prisons
- Custodial

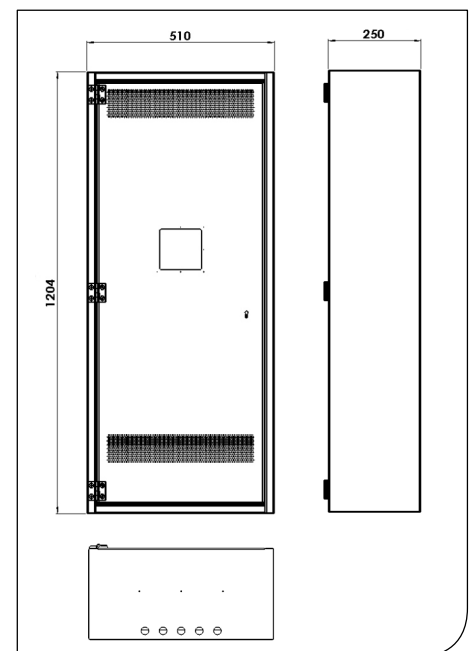
Standards

Compliant to:

- STD/E/SPEC/018
- STD/E/SPEC/045
- BS EN 62040-1
- BS EN 62040-2

UPS: Technical Data

Width	510 mm
Depth	250 mm
Height	1205 mm
Weight	110 kg
Battery Voltage	48 V d.c.
Run Time	>20 mins
Ambient Temp. Max	40°C
Electrical Input / Output	230 V a.c.
Frequency	50 Hz
Nominal Power	3 kW
Enclosure rating	IP44 (IEC 60529), IK10 (BS EN 62262: 2002)



All information contained in this data sheet is correct at the time of printing. Watermist Limited reserves the right to alter or modify the content without prior notice.

PRODUCTS:

Gaseous Suppression



Inert Gas (IG-01, IG-55, IG-100, IG-541)
Novec 1230™ Fluid (FK-5-1-12)
FM-200® / NAF S 227 (HFC-227ea.)
Ecaro 125® / NAF S 125 (HFC-125)
Carbon Dioxide (CO₂)
Hybrid Systems (N₂ / Water)
Pressure Relief Vents
Enclosure Integrity Testing Equipment
Pipe & Fittings

Water Suppression



Water Mist - High Pressure
Water Mist - Intermediate Pressure
Water Mist - Low Pressure
Hybrid Systems (Water / N₂)
Monitors & Delivery Systems
High Speed Deluge

Foam Suppression



Foam Concentrates
Foam Proportioning
Foam Delivery Systems
Foam Concentrate Testing

Explosion Protection



Explosion Suppression
Explosion Isolation
Explosion Vents & Pressure Relief
Spark Suppression
Explosibility Testing

Fire Detection



Linear Heat Detection - Digital
Linear Heat Detection - Fibre Optic
Linear Heat Detection - Micro Chip
Flame Detection
Video Imaging Detection
Spark Detection
Control & Indicating Equipment
Thermal Imaging Detection
Aspirating Smoke Detection

Military & Defence



Military Vehicles
Naval Vessels

Special Applications



Micro Environment
Oxygen Reduction
Kitchen Protection Systems
Dry Chemical
Vehicle Systems
Compressed Air Foam
Marine & Offshore
Vapour Mitigation

Support Services



Design / Engineering
Technical Support
Services & Testing

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